

22600

ABSTRACT OF THE DISCLOSURE

A supply holds a flattened box blank above a conveyor passing having a succession of box seats, and a planet carrier is rotated by its own drive about a sun axis between the supply and the conveyor. A single planetary element on the carrier offset from the sun axis is rotatable about a planet axis parallel to and offset from the sun axis. A grab on the planetary element is engageable with the blank in the supply and in the conveyor seats. A planet drive wheel is fixed to the planetary element, a sun wheel is rotatable about the sun axis, and the wheels are coupled together for joint synchronous rotation. A separate planetary drive connected to the sun wheel rotates the planetary element independently of the carrier such that the grab moves while orbiting about the sun axis through a closed asymmetric path having only two outer points.